AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A computer implemented method comprising:

    performing context-based processing of ~~a set of~~ information items utilizing a set

    of context items to produce context-processed information items, the

    context-based processing comprises one <u>or more</u> of context filtering[[,]]

    and context prioritizing;

    ~~implementing logic rules to perform the context filtering and prioritizing; and~~

    ~~using the~~ <u>implementing</u> logic rules in connection with ~~a plurality~~ relevance and

    importance matrices ~~each~~ associated with ~~one of~~ the ~~plurality of~~

    information items to further perform <u>the</u> context-based processing<u>; and</u>

    <u>dynamically adapting the context-based processing to changing circumstances</u>

    <u>relating to the information items.</u>

2. (Previously Presented) The computer implemented method of claim 1, further

    comprising:

    evaluating a utility function, producing an iteration evaluation based on the utility

    function; and

    based on the iteration evaluation, doing one of repeating the context-based

    processing and not repeating the context-based processing.

3. (Previously Presented) The computer implemented method of claim 1, wherein

    the information items are heterogeneous.

4. (Previously Presented) The computer implemented method of claim 1, further comprising receiving at least one information item in the set of information items from a user input.

5. (Previously Presented) The computer implemented method of claim 1, wherein the context-based processing further comprises context processing at a first device wherein at least one information item is received from a second device.

6. (Previously Presented) The computer implemented method of claim 1, further comprising presenting at least one context-processed information item to a user.

7. (Previously Presented) The computer implemented method of claim 6, wherein when processing comprises context prioritizing, presenting further comprises presenting in prioritized order.

8. (Previously Presented) The method of claim 1, further comprises transferring a context-processed information item from a first device to a second device.

9. (Previously Presented) The computer implemented method of claim 1, wherein transferring further comprises intra-device transferring.

10. (Previously Presented) The computer implemented method of claim 1, wherein, when processing comprises context prioritizing, transferring further comprises transferring in prioritized order.

11. (Previously Presented) The computer implemented method of claim 1, wherein the set of context items comprises at least one of user context, computer context, and communication network context.

12. (Previously Presented) The computer implemented method of claim 11, wherein user context comprises at least one of user identity, activity, activity start time, activity duration, activity location, user task, user location, and a list of devices accessible by a user.

13. (Previously Presented) The computer implemented method of claim 11, wherein computer context comprises at least one of hardware attributes, software attributes, operating system profile attributes, power reserves, power consumption rate, amount of available memory, amount of available storage, user interfaces, costs, usage policies and security and enforcement information.

14. (Previously Presented) The computer implemented method of claim 11, wherein communication network context comprises at least one of network profile attributes, network security, network stability, data transfer rate, connection quality, transfer latency, error rate, network load, signal strength, cost, quality of service, usage policies and network protocols.

15. (Currently Amended) A machine readable medium having stored thereon sets of instructions which, when executed by a machine, cause the machine to:

perform context-based processing of ~~a set of~~ information items utilizing a set of

context items to produce context-processed information items, the context-

based processing comprises one <u>or more</u> of context filtering[[,]] and

context prioritizing;

~~implement logic rules to perform the context filtering and prioritizing; and~~

~~use the~~ <u>implement</u> logic rules in connection with ~~a plurality~~ relevance and

importance matrices ~~each~~ associated with ~~one of~~ the ~~plurality of~~

information items to further perform <u>the</u> context-based processing<u>; and</u>

<u>dynamically adapt the context-based processing to changing circumstances</u>

<u>relating to the information items</u>.

16.   (Previously Presented) The machine readable medium of claim 15, wherein the

sets of instructions which, when executed by the machine, further cause the

machine to:

    evaluate a utility function, producing an iteration evaluation based on the

utility function; and

    based on the iteration evaluation, do one of repeating the context-based

processing and not repeating the context-based processing.

17.   (Original) The machine readable medium of claim 15, wherein the information

items are heterogeneous.

18.   (Previously Presented) The machine readable medium of claim 15, wherein the

sets of instructions which, when executed by the machine, further cause the

machine to receive at least one information item in the set of information items from a user input.

19. (Original) The machine readable medium of claim 15, wherein the context-based processing further comprises context processing at a first device wherein at least one information item is received from a second device.

20. (Previously Presented) The machine readable medium of claim 15, wherein the sets of instructions which, when executed by the machine, further cause the machine to present at least one context-processed information item to a user.

21. (Previously Presented) The machine readable medium of claim 20, wherein when processing comprises context prioritizing, the further comprises presenting in prioritized order.

22. (Previously Presented) The machine readable medium of claim 15, the sets of instructions which, when executed by the machine, further cause the machine to transfer from a first device to a second device.

23. (Previously Presented) The machine readable medium of claim 15, wherein transferring further comprises intra-device transferring.

24. (Previously Presented) The machine readable medium of claim 15, wherein when processing comprises context prioritizing, transferring further comprises transferring in prioritized order.

25. (Previously Presented) The machine readable medium of claim 15, wherein the set of context items comprises at least one of user context, computer context, and communication network context.

26. (Previously Presented) The machine readable medium of claim 15, wherein user context comprises at least one of user identity, activity, activity start time, activity duration, activity location, user task, user location, and a list of devices accessible by a user.

27. (Previously Presented) The machine readable medium of claim 25, wherein computer context comprises at least one of hardware attributes, software attributes, operating system profile attributes, power reserves, power consumption rate, amount of available memory, amount of available storage, user interfaces, costs, usage policies and security and enforcement information.

28. (Previously Presented) The machine readable medium of claim 25, wherein communication network context comprises at least one of network profile attributes, network security, network stability, data transfer rate, connection quality, transfer latency, error rate, network load, signal strength, cost, quality of service, usage policies and network protocols.

29.   (Currently Amended) A system comprising:

a server;

a client coupled to the server, the client having a processor and a memory storage

device coupled to the processor, the processor to

perform context-based processing of a set of information items utilizing a

set of context items to produce context-processed information

items, the context-based processing comprises one or more of

context filtering[[,]] and context prioritizing,

~~implement logic rules to perform the context filtering and prioritizing, and~~

~~use the~~ implement logic rules in connection with ~~a plurality~~ relevance and

importance matrices ~~each~~ associated with ~~one of~~ the ~~plurality of~~

information items to further perform the context-based processing,

and

dynamically adapt the context-based processing to changing

circumstances relating to the information items.

30.   (Original) The system of claim 29, the unit further evaluates a utility function and

produces an iteration evaluation based on the utility function, and based on the

iteration evaluation, does one of repeating the context-based processing and not

repeating the context-based processing.

31.   (Original) The system of claim 29, wherein the information items are

heterogeneous.

32. (Original) The system of claim 29, further including a second unit to receive at least one information item in the set of information items from a user input.

33. (Original) The system of claim 29, wherein the second unit receives at least one information item from a second device.

34. (Previously Presented) The system of claim 29, further including a third unit to present at least one context-processed information item to a user.

35. (Original) The system of claim 34, wherein when processing comprises context prioritizing, presenting further comprises presenting in prioritized order.

36. (Previously Presented) The system of claim 29, further including a fourth unit to transfer a context-processed information item to a second device.

37. (Previously Presented) The system of claim 29, further including a fourth unit to transfer a context-processed information item within the system.

38. (Previously Presented) The system of claim 29, wherein the set of context items comprises at least one of user context, computer context, and communication network context.

39.   (Previously Presented) The system of claim 38, wherein user context comprises at least one of user identity, activity, activity start time, activity duration, activity location, user task, user location, and a list of devices accessible by a user.

40.   (Previously Presented) The system of claim 38, wherein computer context comprises at least one of hardware attributes, software attributes, operating system profile attributes, power reserves, power consumption rate, amount of available memory, amount of available storage, user interfaces, costs, usage policies and security and enforcement information.

41.   (Previously Presented) The system of claim 38, wherein communication network context comprises at least one of network profile attributes, network security, network stability, data transfer rate, connection quality, transfer latency, error rate, network load, signal strength, cost, quality of service, usage policies and network protocols.